

Nancy Beth Beck PhD, DABT

(b) (6)

SCIENCE & REGULATORY POLICY EXPERT

Ph.D. Toxicologist with over twenty years of applied public health experience. Specialized ability to provide a broad policy perspective as well as detailed technical input. Deep understanding of scientific issues, risk assessment, and U.S. regulatory process. Accomplished in bringing a scientific dialogue to the policy discussion to inform critical decision-making. Skilled in leading and directing interagency negotiations to improve policy. Successful collaborations have involved partnerships with senior staff and policy officials throughout the Executive Office of the President and Federal agencies.

Education & Certification

Diplomat American Board of Toxicology (DABT), November 2002, recertified Aug 2016
Ph.D. Environmental Health, *University of Washington*, Seattle, WA, 1998
M.S. Environmental Health, *University of Washington*, Seattle, WA, 1992
B.S. Microbiology (minor economics), *Cornell University*, Ithaca, NY, 1988

APPLIED TOXICOLOGY & PUBLIC HEALTH EXPERIENCE:

U.S. Environmental Protection Agency, Washington DC

Deputy Assistant Administrator for the Office of Chemical Safety and Pollution Prevention
May 2018- present

- Serving as principal policy advisor to the EPA Administrator in the management, operation, decision-making, planning, programming, policy development and implementation of the Office of Chemical Safety and Pollution Prevention (OCSPP).
- Responsible for managing and establishing strategies to implement EPA's programs under the Toxic Substances Control Act (TSCA), the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), the Federal Food, Drug, and Cosmetic Act (FFDCA), the Food Quality Protection Act (FQPA), and for promoting and coordinating programs engaged in chemical safety and pollution prevention.
- Successfully met all statutory deadlines for the first two years of implementation of the 2016 Frank R. Lautenberg Amendments to the TSCA statute.
- Represent the EPA Administrator in communications with Congress, OMB, White House Offices, other Federal agencies, states, regional and local governments, public interest organizations, private industry, professional groups and the general public.
- Provide policy and program guidance to Regional Administrators and EPA Assistant Administrators in their relationships with other entities in establishing and implementing chemical safety and pollution prevention policies.
- Represent, explain, and defend the policies and programs of OCSPP to other agency, Federal, Congressional, and private sector groups.

American Chemistry Council (ACC), Washington DC

Senior Director of Regulatory Science Policy

January 2012- present

- Leading expert for ensuring sound implementation of risk assessment practices within the Frank R. Lautenberg Chemical Safety for the 21st Century Act (signed into law June 2016).
- Develop technical and policy materials to develop sound scientific policies on science and health critical for the government assessment of chemicals.
- Oversee funding and development of projects to advance risk assessment methodologies and practices.
- Review and provide comment on various scientific assessments including EPA IRIS assessments, OPPT Risk Assessments, Report on Carcinogens documents, and international assessments to inform industry engagement with Federal Agencies.
- Serve as an expert technical and strategy resource to committees and self-funded groups on the development and improvement of scientific documents related to specific chemical assessments.
- Analyze scientific documents to identify critical scientific issues relating to improving the scientific basis to support decisions making. Provide technical assistance in protocol development, monitoring, auditing and communication of results.
- Co-lead ACC panel on advancing risk assessment and science policy regarding issues related to characterizing uncertainty, systematic review, and weight of evidence evaluations.
- Work to resolve member company concerns and problems related to chemical assessments and their interpretation.
- Monitor, analyze, and track emerging issues, developments and trends on science policy and chemical assessment and management.
- Serve as spokesperson on behalf of ACC in front of federal agencies, congressional staff, press, international groups, scientific societies and other organizations.

Executive Office of the President, Office of Management and Budget, Office of Information and Regulatory Affairs, Washington, DC

TOXICOLOGIST/RISK ASSESSOR/POLICY ANALYST

AUG. 2002-January 2012

- Utilized toxicology expertise to bridge the science and policy gap by framing and identifying scientific issues for an active policy debate.
- Lead expert for international regulatory discussions with the EU, Canada and Mexico on risk assessment and nanotechnology policy.
- Managed and led the scientific review of the toxicological/scientific analyses and risk assessments upon which rulemakings, proposals, notices, guidance documents, and information collection requests rely as part of the review and approval by the Executive Office of the President (EOP). Included review of IRIS assessments.
- Supervised the oversight of federal agency implementation of the Information Quality Law and OMB Information Quality Guidelines.
- Coordinated and led OMB risk assessment initiatives, including oversight, authorship, coordination of working group, shepherding of draft documents through peer review and public comment, and culmination into a final OMB/OSTP Memorandum on Risk Analysis.
- Monitored and analyzed human health, environmental and safety information which appears in legislative testimony through the legislative review clearance process within the EOP.
- Provided direct scientific, risk assessment, toxicological, and environmental health assistance and interpretation to White House political appointees and senior leaders. Prepared and conducted various briefing papers and talks.

US EPA CAREER DEVELOPMENT DETAIL

US EPA, Office of the Assistant Administrator for the Office of Research and Development, Washington DC. Feb.2006-May 2006

- Reviewed and provided comments on strategies and draft documents for the EPA Assistant Administrator (Dr. George Gray).
- Assessed differences and similarities of risk assessment procedures among different EPA program offices, with a specific emphasis on pesticides and the IRIS processes.
- Gained critical understanding of the Office of Research and Development and its role in regulations.

AAAS (American Association for the Advancement of Science) Science and Technology Policy Fellow, Washington DC

FELLOW--US EPA, National Center for Environmental Assessment
Sept. 2000-Aug. 2002

- Worked on toxicology projects focused on identifying health issues related to childhood susceptibilities, human variability, childrens toxicokinetics and toxicodynamics, and susceptible populations.

Washington State Department of Health, Office of Environmental Assessments, Olympia, WA

TOXICOLOGIST/PUBLIC HEALTH ADVISOR Feb. 1999-July 2000

- Prepared health and exposure assessments, including site specific risk assessments, for ATSDR and the Washington State Department of Health.
- Evaluated and analyzed human health risks using comprehensive toxicology knowledge, risk assessment tools, air modeling programs, hydrogeology knowledge, and a strong understanding of the fate and transport of compounds in the environment and the body.
- Interacted regularly and participated with other regulators and the general public at availability sessions, community meetings, and public meetings.
- Provided comments and technical support to local, state, and federal agencies on Remedial Investigations, Feasibility Studies, sampling workplans, and adverse health outcomes associated with exposures to chemicals and hazardous substances.

Estee Lauder Companies

MICROBIOLOGIST/RESEARCH SCIENTIST Aug. 1988-Sept. 1990

- Initiated, coordinated, and assumed full responsibility for adaptation and in-house validation of two *in vitro* toxicity tests.
- Worked with chemists to develop preservative systems for products for human use.

RECENT PROFESSIONAL ACTIVITIES AND LEADERSHIP ACTIVITIES

- **Society Memberships:** American Board of Toxicology; Association of Government Toxicologists; Society of Toxicology; American Association for the Advancement of Science (AAAS); Society of Risk Analysis
- **Elected Treasurer-** *Society of Toxicology, National Capital Area Chapter*, Apr 2014- present
- **Elected Councilor-** *Society of Toxicology, Risk Assessment Specialty Section*, Mar 2012- Mar 2014
- **Elected Councilor-** *Society of Toxicology, Regulatory Safety Evaluation Specialty Section*, Mar 2009- Mar 2012
- **Elected President** – *Association of Government Toxicologists*, Mar. 2007- Mar. 2008
- **Elected President-Elect, Councilor** – *Association of Government Toxicologists*, Mar. 2004 – Mar. 2007

ADDITIONAL LEADERSHIP AND TRAINING ACTIVITIES:

Internal Revenue Service, Volunteer Income Tax Assistant, certified 2004-present
Prepare tax returns for low-income DC residents during tax season

ACC Management Training Program, completed August 2016

European Union Visitors Program, November 2009, selected to participate in a six day program in Brussels visiting EU offices and experts including official visits to the Belgium Food Safety Authority, DG-SANCO, DG-Environment, DG-Research, DG-Agriculture, the European Parliament, and the US Mission to the EU.

OPM, Executive Development Seminar: Leading Change, two week course completed May 2009

OPM, Conflict Resolution Skills Seminar, three day course completed August 2007

AWARDS & HONORS:

OMB Cross-Cutting Group Award, July 2011

OMB Awards Ceremony, award given "For extraordinary efforts to develop and implement responses to the Deepwater Horizon oil spill."

OMB Special Achievement Award, July 2009

Award given "For continuing well-grounded scientific analyses that guide policy, initiatives to increase transparency in the presentation of risk values, and leadership of U.S. contributions to the international risk dialogue."

OMB Quality Step Increase Award, July 2008

Award recognizes employees whose performance is consistently at a high level in terms of quality and quantity, and appears likely to continue to be so indefinitely into the future.

OMB Professional Achievement Award, July 2007

Award given "For creative efforts in the uncharted territory of implementing the Information Quality Act, outstanding work in shepherding OMB's Proposed Bulletin on Risk Assessment, and important contributions to building support for scientific expertise in policy decisions."

OMB Special Achievement Award, July 2006

Award given "For sound judgment, creativity, and groundbreaking work to develop the Proposed Bulletin on Risk Assessment."

OMB Cross-Cutting Group Award, July 2005

OMB Awards Ceremony, award given "For working with EPA to develop an innovative cap-and-trade program to limit mercury emissions from coal-fired plants."

OMB Professional Achievement Award, July 2004

OMB Awards Ceremony, award given "For contributions that have informed and improved numerous public health policy decisions, and have fostered solid support for the critical importance of scientific expertise."

Graduate Student Travel Award, Dec. 1998

Society of Toxicology 38th Annual Meeting

Graduate Student Platform Presentation Award, Sept. 1998

Pacific Northwest Association of Toxicologists, 15th Annual Mtg.

Excellent Question Award, Sept. 1998

Pacific Northwest Association of Toxicologists, 15th Annual Mtg.

Environmental Pathology/Toxicology Training Grant, 1993-1998

National Institute of Environmental Health Sciences (NIEHS)

Research Assistantship, Oct. 1990-Jan. 1993

Department of Environmental Health, University of Washington, Seattle, WA

Deans List, Aug. 1987-May 1988

Cornell University, Ithaca, NY

PUBLICATIONS: